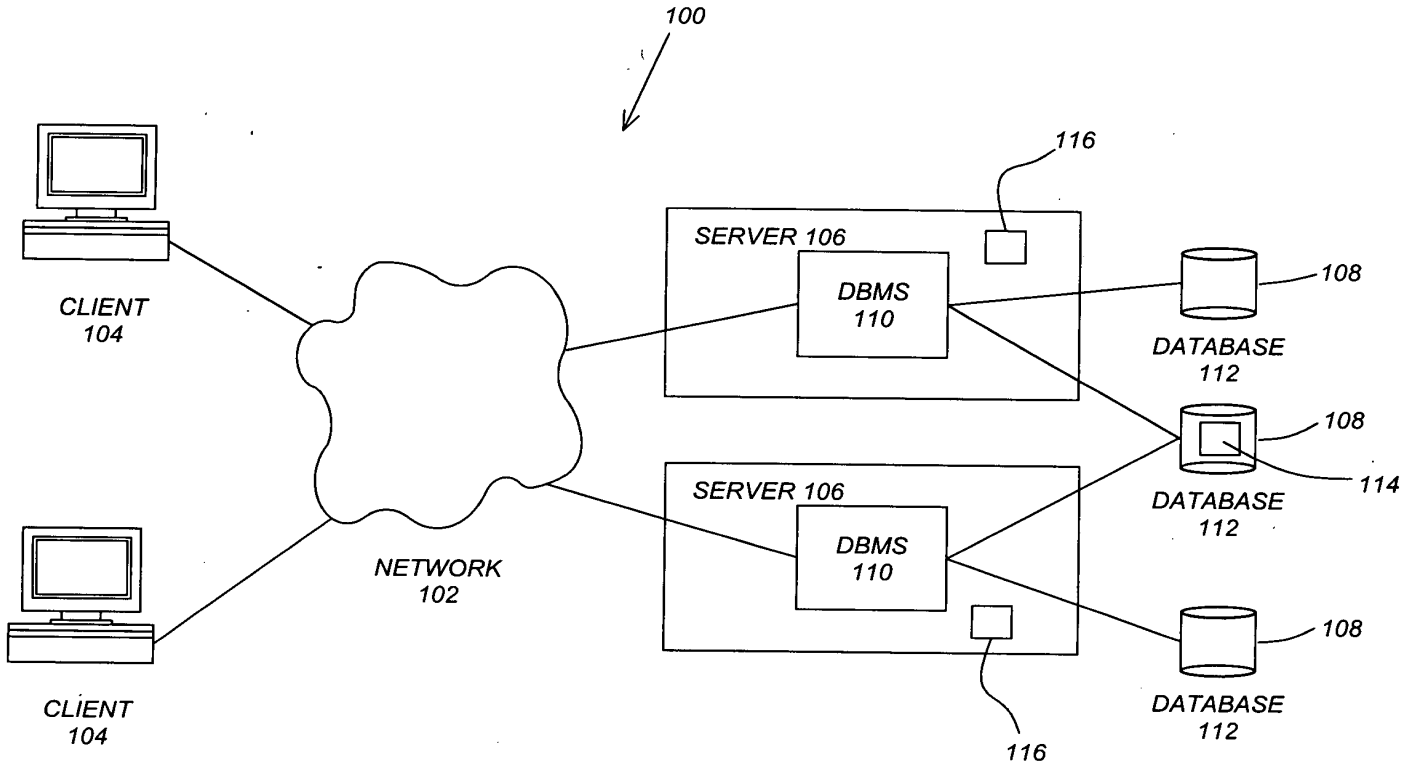
100
116
SERVER 106
DBMS
110
108
DATABASE
112
CLIENT
104
NETWORK
102
108
114
SERVER 106
DBMS
110
DATABASE
112
CLIENT
104
108
DATABASE
112
116

FIG. 1

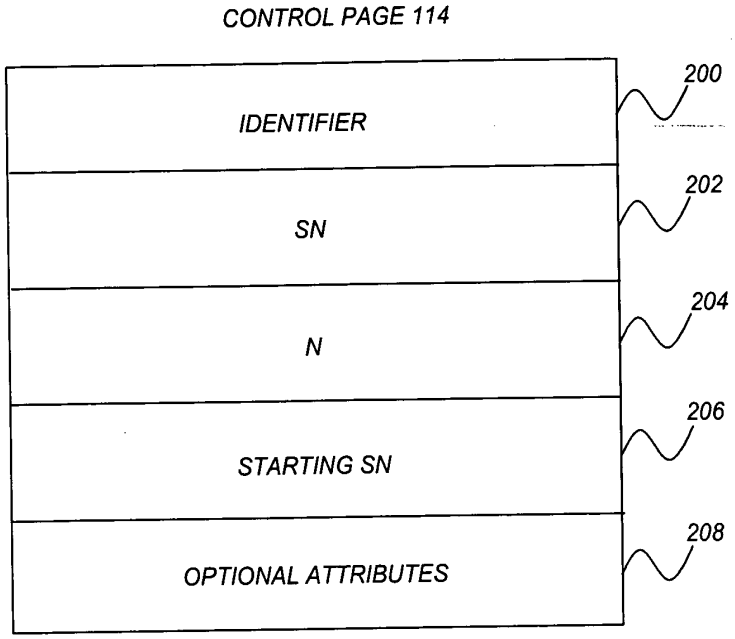
CONTROL PAGE 114
IDENTIFIER
200
SN
202
N
204
STARTING SN
206
OPTIONAL ATTRIBUTES
208

FIG. 2

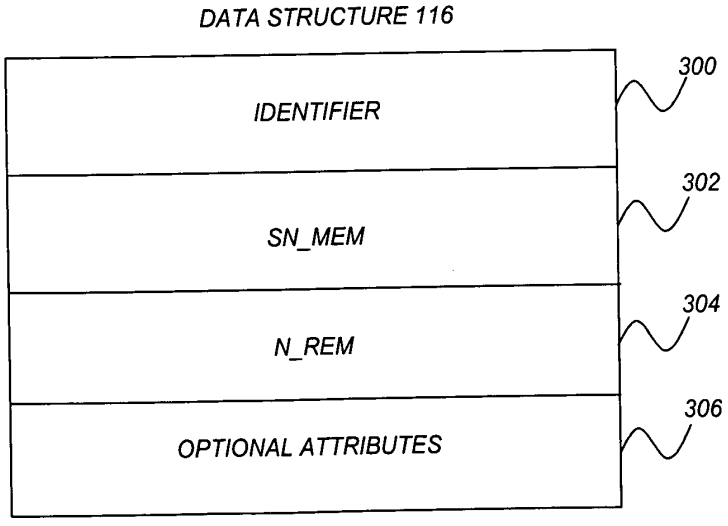
DATA STRUCTURE 116
IDENTIFIER
300
SN_MEM
302
N_REM
304
OPTIONAL ATTRIBUTES
306

FIG. 3

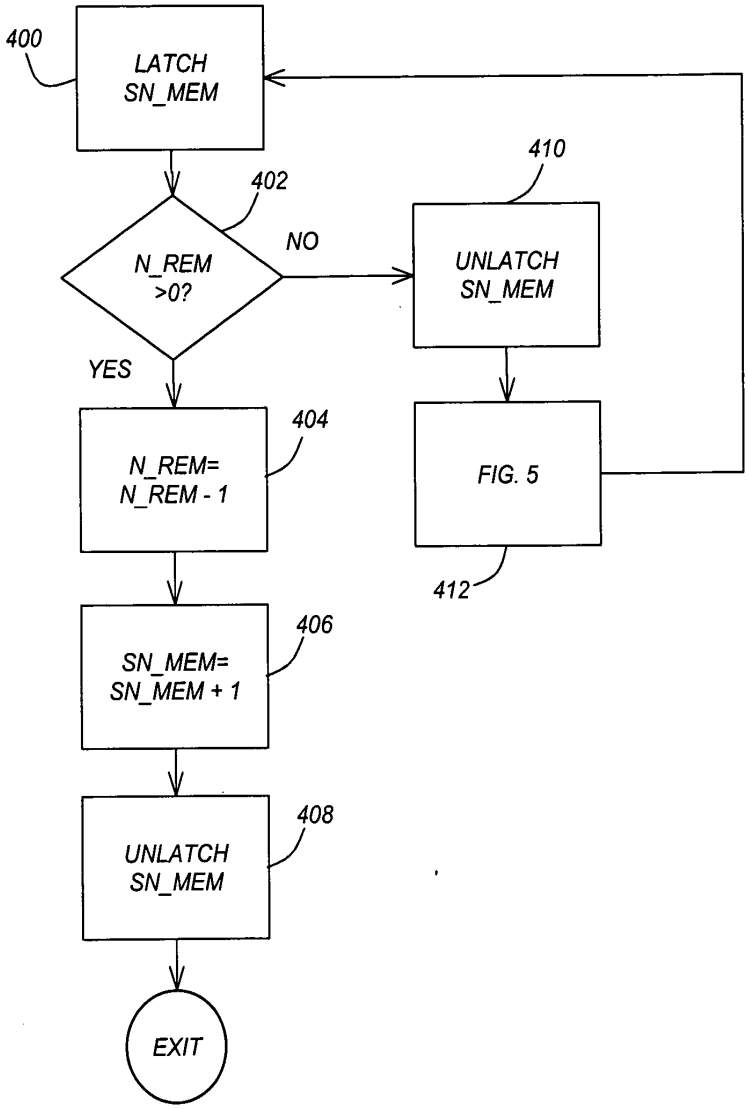
400
LATCH SN_MEM
402
N_REM >0?
NO
410
UNLATCH SN_MEM
YES
404
N_REM= N_REM - 1
FIG. 5
412
406
SN_MEM= SN_MEM + 1
408
UNLATCH SN_MEM
EXIT

FIG. 4

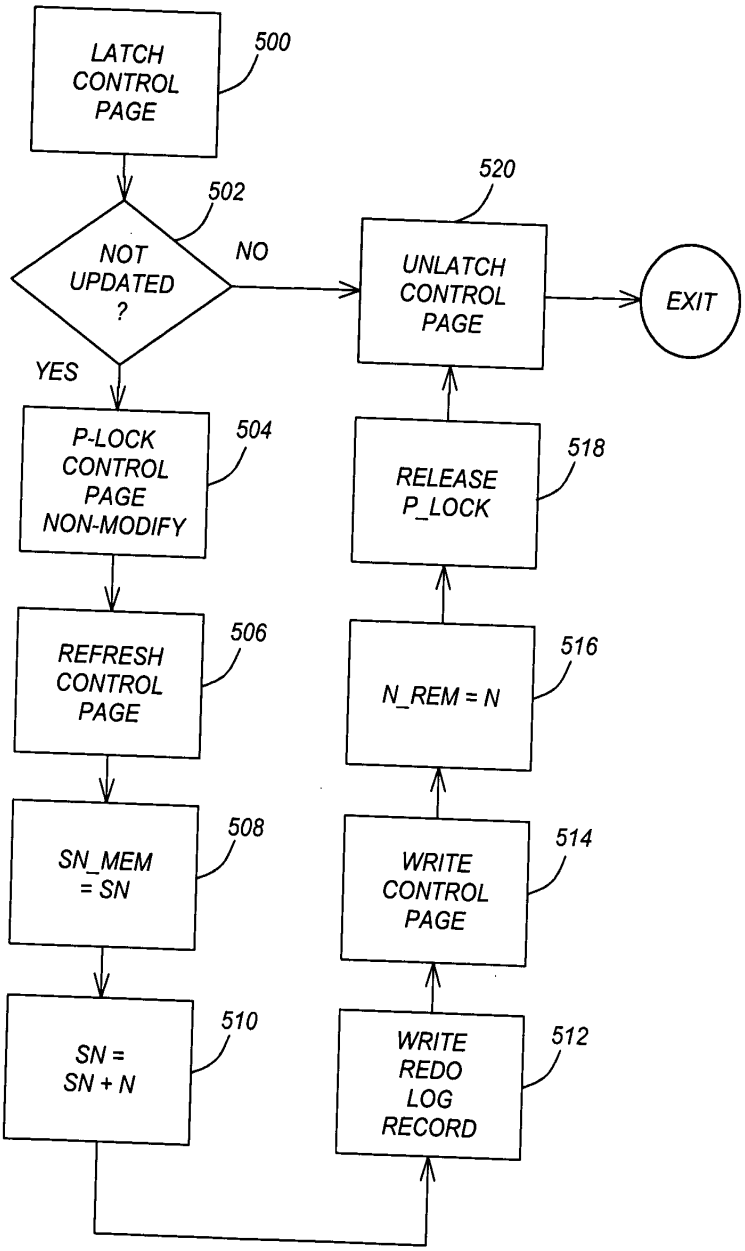
LATCH CONTROL PAGE
500
NOT UPDATED ?
502
NO
YES
UNLATCH CONTROL PAGE
520
EXIT
P-LOCK CONTROL PAGE NON-MODIFY
504
REFRESH CONTROL PAGE
506
SN_MEM = SN
508
SN = SN + N
510
RELEASE P_LOCK
518
N_REM = N
516
WRITE CONTROL PAGE
514
WRITE REDO LOG RECORD
512

FIG. 5